

In the Claims

The status of claims in the case is as follows:

- 1 1. [Currently amended] A method for displaying from a web
2 site a site view selectively including a site map and a
3 table of contents, comprising the steps of:
4
5 organizing a site as a collection of topical content
6 areas in a content database, each said area containing
7 a list of content items that a user can link to for
8 display using views;

9 providing a site navigation view as an index on said
10 content database, said index being dynamically updated
11 whenever additions and deletions of area category or
12 content items are made to said content database;

13 providing a site view layout structure including an
14 HTML table structure and an HTML list structure for
15 populating fields respectively in said site map and
16 said table of contents;

17 providing a site view as a category oriented view;

END919990071US1

2

S/N 09/472,677

18 [[and]]

19 responsive to a user request for display of said site
20 view, executing an agent to access said site navigation
21 view to obtain and display to said user current area
22 category and content items from said content database
23 by

24 responsive to said user request being for a site
25 map, setting up an initial table structure:

26 examining said site navigation view to identify
27 navigational content for said site sorted by
28 category:

29 processing each document in order of appearance in
30 said site navigation view and building an HTML
31 page containing bulleted lists of links separated
32 by category names identified in said content by

33 reading a first document,

34 setting a first category name as that
35 category identified in said first

END919990071US1

3

S/N 09/472,677

36 document,

37 for a user request for a site map,

38 initializing said table structure with

39 said first document, and

40 starting a bulleted list with an HTML

41 link created selectively pointing to

42 said first document or to another

43 location on said site if such other

44 location is defined by link information

45 in said first document;

46 checking a subcategory structure and,

47 for a user request for a site map,

48 starting a sub-bulleted list with an

49 HTML link to a subcategory page, and,

50 for a user request for a table of

51 contents, a name of said subcategory;

52 reading a next document,

53 responsive to said next document having

54 a next category name different from

END919990071US1

4

S/N 09/472,677

55 prior documents, closing said bulleted
56 list and adding said next category name
57 to said HTML page and starting a new
58 bulleted list;

59 responsive to said next category name
60 being within a prior category name,
61 checking said subcategory structure;

62 responsive to a subcategory name of
63 this next document being different
64 from a prior subcategory name of a
65 prior document, closing said sub-
66 bulleted list and starting a new
67 sub-bulleted list with an HTML link
68 to a subcategory page for a site
69 map or just a name of this
70 subcategory for a table of
71 contents;

72 creating an HTML link selectively
73 pointing to said next document or to
74 another location on said site if such
75 other location is defined in said next

END919990071US1

5

S/N 09/472,677

76 document, and

77 repeating said reading a next document step
78 for all documents in said view; and then

79 closing said bulleted list and saving said
80 HTML page for presentation to said user;

81

82 providing in a site map form a tabular layout structure
83 for said site map including a first title, header and
84 footer fields pulled in from said web site, a form type
85 identifier, and a first data field for receiving site
86 map data from said agent responsive to a user request;
87 and

88 providing in a table of contents form a column layout
89 structure for said table of contents including a second
90 title, header and footer fields pulled in from said web
91 site, a form type identifier, and a second data field
92 for receiving table of contents data from said create
93 map agent responsive to a user request;

94 said site map form and said table of contents form
95 providing respective data fields for receiving data

END919990071US1

6

S/N 09/472,677

96 from said agent dynamically responsive to a request
97 from a user for display of said site map or said table
98 of contents.

2. [Canceled]

1 3. [Currently amended] System for displaying from a web
2 site a site view selectively including a site map and a
3 table of contents, comprising:
4

5 means for organizing a site as a collection of topical
6 content areas, each said area containing a list of
7 content items that a user can link to for display using
8 views;

9 means for providing a site navigation view as an index
10 on said content database, said index being updated
11 whenever additions and deletions of area category or
12 content items are made to said content database;

13 means for providing a site view layout structure
14 including an HTML table structure and an HTML list
15 structure for populating fields respectively in said
16 site map and said table of contents;

END919990071US1

7

S/N 09/472,677

17 means for providing a site view as a category oriented
18 view; and

19 means responsive to a user request for display of said
20 site view, for executing an agent to access said site
21 navigation view to obtain and display to said user
22 current area category and content items from said
23 content database; by

24 responsive to said user request being for a site
25 map, setting up an initial table structure;

26 examining said site navigation view to identify
27 navigational content for said site sorted by
28 category;

29 processing each document in order of appearance in
30 said site navigation view and building an HTML
31 page containing bulleted lists of links separated
32 by category names identified in said content by

33 reading a first document,

34 setting a first category name as that

END919990071US1

8

S/N 09/472,677

35 category identified in said first
36 document,

37 for a user request for a site map,
38 initializing said table structure with
39 said first document, and

40 starting a bulleted list with an HTML
41 link created selectively pointing to
42 said first document or to another
43 location on said site if such other
44 location is defined by link information
45 in said first document;

46 checking a subcategory structure and,
47 for a user request for a site map,
48 starting a sub-bulleted list with an
49 HTML link to a subcategory page, and,
50 for a user request for a table of
51 contents, a name of said subcategory;

52 reading a next document,

53 responsive to said next document having

END919990071US1

9

S/N 09/472,677

54 a next category name different from
55 prior documents, closing said bulleted
56 list and adding said next category name
57 to said HTML page and starting a new
58 bulleted list;

59 responsive to said next category name
60 being within a prior category name,
61 checking said subcategory structure;

62 responsive to a subcategory name of
63 this next document being different
64 from a prior subcategory name of a
65 prior document, closing said sub-
66 bulleted list and starting a new
67 sub-bulleted list with an HTML link
68 to a subcategory page for a site
69 map or just a name of this
70 subcategory for a table of
71 contents;

72 creating an HTML link selectively
73 pointing to said next document or to
74 another location on said site if such

END919990071US1

10

S/N 09/472,677

75 other location is defined in said next
76 document, and

77 repeating said reading a next document step
78 for all documents in said view; and then

79 closing said bulleted list and saving said
80 HTML page for presentation to said user;

81 means for providing in a site map form a tabular layout
82 structure for said site map including a first title,
83 header and footer fields pulled in from said web site,
84 a form type identifier, and a first data field for
85 receiving site map data from said agent responsive to a
86 user request; and

87 means for providing in a table of contents form a
88 column layout structure for said table of contents
89 including a second title, header and footer fields
90 pulled in from said web site, a form type identifier,
91 and a second data field for receiving table of contents
92 data from said create map agent responsive to a user
93 request;

END919990071US1

11

S/N 09/472,677

94 said site map form and said table of contents form
95 providing respective data fields for receiving data
96 from said agent dynamically responsive to a request
97 from a user for display of said site map or said table
98 of contents.

1 4. [Currently amended] A program storage device readable
2 by a machine, tangibly embodying a program of instructions
3 executable by a machine to perform method steps for
4 displaying from a web site a site view selectively including
5 a site map and a table of contents, said method steps
6 comprising:

7 organizing a site as a collection of topical content
8 areas in a content database, each said area containing
9 a list of content items that a user can link to for
10 display using views;

11 providing a site navigation view as an index on said
12 content database, said index being updated whenever
13 additions and deletions of area category or content
14 items are made to said content database;

15 providing a site view layout structure including an

END919990071US1

12

S/N 09/472,677

16 HTML table structure and an HTML list structure for
17 populating fields respectively in said site map and
18 said table of contents;

19 providing a site view as a category oriented view; and

20 responsive to a user request for display of said site
21 view, executing an agent to access said site navigation
22 view to obtain and display to said user current area
23 category and content items from said content database;
24 by

25 responsive to said user request being for a site
26 map, setting up an initial table structure;

27 examining said site navigation view to identify
28 navigational content for said site sorted by
29 category;

30 processing each document in order of appearance in
31 said site navigation view and building an HTML
32 page containing bulleted lists of links separated
33 by category names identified in said content by

END919990071US1

13

S/N 09/472,677

34 reading a first document,

35 setting a first category name as that
36 category identified in said first
37 document,

38 for a user request for a site map,
39 initializing said table structure with
40 said first document, and

41 starting a bulleted list with an HTML
42 link created selectively pointing to
43 said first document or to another
44 location on said site if such other
45 location is defined by link information
46 in said first document;

47 checking a subcategory structure and,
48 for a user request for a site map,
49 starting a sub-bulleted list with an
50 HTML link to a subcategory page, and,
51 for a user request for a table of
52 contents, a name of said subcategory;

END919990071US1

14

S/N 09/472,677

53 reading a next document.

54 responsive to said next document having
55 a next category name different from
56 prior documents, closing said bulleted
57 list and adding said next category name
58 to said HTML page and starting a new
59 bulleted list;

60 responsive to said next category name
61 being within a prior category name,
62 checking said subcategory structure;

63 responsive to a subcategory name of
64 this next document being different
65 from a prior subcategory name of a
66 prior document, closing said sub-
67 bulleted list and starting a new
68 sub-bulleted list with an HTML link
69 to a subcategory page for a site
70 map or just a name of this
71 subcategory for a table of
72 contents;

END919990071US1

15

S/N 09/472,677

73 creating an HTML link selectively
74 pointing to said next document or to
75 another location on said site if such
76 other location is defined in said next
77 document, and

78 repeating said reading a next document step
79 for all documents in said view; and then

80 closing said bulleted list and saving said
81 HTML page for presentation to said user;

82 providing in a site map form a tabular layout structure
83 for said site map including a first title, header and
84 footer fields pulled in from said web site, a form type
85 identifier, and a first data field for receiving site
86 map data from said agent responsive to a user request;
87 and

88 providing in a table of contents form a column layout
89 structure for said table of contents including a second
90 title, header and footer fields pulled in from said web
91 site, a form type identifier, and a second data field
92 for receiving table of contents data from said create

END919990071US1

16

S/N 09/472,677

93 map agent responsive to a user request;

94 said site map form and said table of contents form

95 providing respective data fields for receiving data

96 from said agent dynamically responsive to a request

97 from a user for display of said site map or said table

98 of contents.

1 5. [Currently amended] A system for displaying from a web

2 site a site view selectively including a site map and a

3 table of contents, comprising:

4 a content database for storing a plurality of

5 documents;

6 a site view layout structure including an HTML table ;

7 structure and an HTML list structure for populating

8 fields respectively in said site map and said table of

9 contents;

10 a site navigation view for indexing area category and

11 content items in said content database, said index

12 being updated whenever additions and deletions of area

END919990071US1

17

S/N 09/472,677

13 category and content items are made to said content
14 database;

15 a user browser;

16 a create map agent for accessing said site navigation
17 view to identify documents in said content database and
18 extract to said site view layout structure data for
19 presentation in fields of said site view; by

20 responsive to said user request being for a site
21 map, setting up an initial table structure;

22 examining said site navigation view to identify
23 navigational content for said site sorted by
24 category;

25 processing each document in order of appearance in
26 said site navigation view and building an HTML
27 page containing bulleted lists of links separated
28 by category names identified in said content by

29 reading a first document,

END919990071US1

18

S/N 09/472,677

30 setting a first category name as that
31 category identified in said first
32 document,

33 for a user request for a site map,
34 initializing said table structure with
35 said first document, and

36 starting a bulleted list with an HTML
37 link created selectively pointing to
38 said first document or to another
39 location on said site if such other
40 location is defined by link information
41 in said first document;

42 checking a subcategory structure and,
43 for a user request for a site map,
44 starting a sub-bulleted list with an
45 HTML link to a subcategory page, and,
46 for a user request for a table of
47 contents, a name of said subcategory;

48 reading a next document,

END919990071US1

19

S/N 09/472,677

49 responsive to said next document having
50 a next category name different from
51 prior documents, closing said bulleted
52 list and adding said next category name
53 to said HTML page and starting a new
54 bulleted list;

55 responsive to said next category name
56 being within a prior category name,
57 checking said subcategory structure;

58 responsive to a subcategory name of
59 this next document being different
60 from a prior subcategory name of a
61 prior document, closing said sub-
62 bulleted list and starting a new
63 sub-bulleted list with an HTML link
64 to a subcategory page for a site
65 map or just a name of this
66 subcategory for a table of
67 contents;

68 creating an HTML link selectively
69 pointing to said next document or to

END919990071US1

20

S/N 09/472,677

70 another location on said site if such
71 other location is defined in said next
72 document, and

73 repeating said reading a next document step
74 for all documents in said view; and then

75 closing said bulleted list and saving said
76 HTML page for presentation to said user;

77 a site map form for providing a tabular layout
78 structure for said site map including a first title,
79 header and footer fields pulled in from said web site,
80 a form type identifier, and a first data field for
81 receiving site map data from said create map agent
82 responsive to a user request;

83 a table of contents form for providing a column layout
84 structure for said table of contents including a second
85 title, header and footer fields pulled in from said web
86 site, a form type identifier, and a second data field
87 for receiving table of contents data from said create
88 map agent responsive to a user request;

END919990071US1

21

S/N 09/472,677

89 said site map form and said table of contents form
90 providing respective data fields for receiving data
91 from said create map agent dynamically responsive to a
92 request from a user for display of said site map or
93 said table of contents.

1 6-8. [Canceled]

2 9. [Currently amended] Method for displaying from a web
3 site a site view selectively including a site map and a
4 table of contents, comprising the steps of:

5 providing a site navigation view as an index on a
6 content database, said index being updated whenever
7 additions and deletions of area category or content
8 items are made to said content database;

9 executing an agent responsive to a user request for a
10 display of said site view, for setting up a site view
11 layout structure including an HTML table structure and
12 an HTML list structure for populating fields
13 respectively in said site map and said table of
14 contents; identifying in said navigation view one or
15 more navigation documents; for each navigation document

END919990071US1

22

S/N 09/472,677

16 identified, determining the category name and adding a
17 list item for said category to said site view layout
18 structure[[]] including:

19 responsive to said user request being for a site
20 map, setting up an initial table structure;

21 examining said site navigation view to identify
22 navigational content for said site sorted by
23 category;

24 processing each document in order of appearance in
25 said site navigation view and building an HTML
26 page containing bulleted lists of links separated
27 by category names identified in said content by

28 reading a first document,

29 setting a first category name as that
30 category identified in said first
31 document,

32 for a user request for a site map,
33 initializing said table structure with

END919990071US1

23

S/N 09/472,677

34 said first document, and

35 starting a bulleted list with an HTML
36 link created selectively pointing to
37 said first document or to another
38 location on said site if such other
39 location is defined by link information
40 in said first document;

41 checking a subcategory structure and,
42 for a user request for a site map,
43 starting a sub-bulleted list with an
44 HTML link to a subcategory page, and,
45 for a user request for a table of
46 contents, a name of said subcategory;

47 reading a next document,

48 responsive to said next document having
49 a next category name different from
50 prior documents, closing said bulleted
51 list and adding said next category name
52 to said HTML page and starting a new
53 bulleted list;

END919990071US1

24

S/N 09/472,677

54 responsive to said next category name
55 being within a prior category name,
56 checking said subcategory structure;

57 responsive to a subcategory name of
58 this next document being different
59 from a prior subcategory name of a
60 prior document, closing said sub-
61 bulleted list and starting a new
62 sub-bulleted list with an HTML link
63 to a subcategory page for a site
64 map or just a name of this
65 subcategory for a table of
66 contents;

67 creating an HTML link selectively
68 pointing to said next document or to
69 another location on said site if such
70 other location is defined in said next
71 document, and

72 repeating said reading a next document step
73 for all documents in said view; and then

END919990071US1

25.

S/N 09/472,677

74 closing said bulleted list and saving said

75 HTML page for presentation to said user;

76 copying each said list item from said layout structure
77 to said site view for display of said area category or
78 content items in said navigation documents indexed by
79 said navigation view responsive to said user
80 request[[.]];

81 providing in a site map form a tabular layout structure
82 for said site map including a first title, header and
83 footer fields pulled in from said web site, a form type
84 identifier, and a first data field for receiving site
85 map data from said agent responsive to a user request;
86 [[and]]

87 providing in a table of contents form a column layout
88 structure for said table of contents including a second
89 title, header and footer fields pulled in from said web
90 site, a form type identifier, and a second data field
91 for receiving table of contents data from said create
92 map agent responsive to a user request; and

93 said site map form and said table of contents form

END919990071US1

26

S/N 09/472,677

94 providing respective data fields for receiving data
95 from said agent dynamically responsive to a request
96 from a user for display of said site map or said table
97 of contents.

1 10. [Currently amended] An article of manufacture
2 comprising:

3 a computer useable medium having computer readable
4 program code means embodied therein for displaying from
5 a web site a site view selectively including a site map
6 and a table of contents, the computer readable program
7 means in said article of manufacture comprising:

8 computer readable program code means for causing a
9 computer to effect organizing a site as a collection of
10 topical content areas in a content database, each said
11 area containing a list of content items that a user can
12 link to for display using views;

13 computer readable program code means for providing a
14 site navigation view as an index on said content
15 database, said index being updated whenever additions
16 and deletions of area category or content items are

END919990071US1

27

S/N 09/472,677

17 made to said topical content areas;

18 computer readable program code means for providing a
19 site view layout structure including an HTML table
20 structure and an HTML list structure for populating
21 fields respectively in said site map and said table of
22 contents;

23 computer readable program code means for causing a
24 computer to effect providing a site view as a category
25 oriented view;

26 computer readable program code means for providing in a
27 site map form a tabular layout structure for said site
28 map including a first title, header and footer fields
29 pulled in from said web site, a form type identifier,
30 and a first data field for receiving site map data from
31 ~~said agent~~ an agent responsive to a user request; said
32 agent;

33 responsive to said user request being for a site
34 map, setting up an initial table structure;

35 examining said site navigation view to identify

END919990071US1

28

S/N 09/472,677

36 navigational content for said site sorted by
37 category;

38 processing each document in order of appearance in
39 said site navigation view and building an HTML
40 page containing bulleted lists of links separated
41 by category names identified in said content by

42 reading a first document,

43 setting a first category name as that
44 category identified in said first
45 document,

46 for a user request for a site map,
47 initializing said table structure with
48 said first document, and

49 starting a bulleted list with an HTML
50 link created selectively pointing to
51 said first document or to another
52 location on said site if such other
53 location is defined by link information
54 in said first document.

END919990071US1

29

S/N 09/472,677

55 checking a subcategory structure and,
56 for a user request for a site map,
57 starting a sub-bulleted list with an
58 HTML link to a subcategory page, and,
59 for a user request for a table of
60 contents, a name of said subcategory;

61 reading a next document,

62 responsive to said next document having
63 a next category name different from
64 prior documents, closing said bulleted
65 list and adding said next category name
66 to said HTML page and starting a new
67 bulleted list;

68 responsive to said next category name
69 being within a prior category name,
70 checking said subcategory structure;

71 responsive to a subcategory name of
72 this next document being different
73 from a prior subcategory name of a
74 prior document, closing said sub-

END919990071US1

30

S/N 09/472,677

75 bulleted list and starting a new
76 sub-bulleted list with an HTML link
77 to a subcategory page for a site
78 map or just a name of this
79 subcategory for a table of
80 contents;

81 creating an HTML link selectively
82 pointing to said next document or to
83 another location on said site if such
84 other location is defined in said next
85 document, and

86 repeating said reading a next document step
87 for all documents in said view; and then

88 closing said bulleted list and saving said
89 HTML page for presentation to said user; and

90 computer readable program code means for providing in a
91 table of contents form a column layout structure for
92 said table of contents including a second title, header
93 and footer fields pulled in from said web site, a form
94 type identifier, and a second data field for receiving

END919990071US1

31

S/N 09/472,677

95 table of contents data from said create map agent
96 responsive to a user request;

97 said site map form and said table of contents form
98 providing respective data fields for receiving data
99 from said agent dynamically responsive to a request
100 from a user for display of said site map or said table
101 of contents[[]]; and

102 computer readable program code means for causing a
103 computer to effect, responsive to a user request for
104 display of said site view, executing an agent to access
105 said site navigation view to obtain and display to said
106 user current area category and content items from said
107 content database.

1 11. [Currently amended] A computer program product or
2 computer program element for displaying from a web site a
3 site view selectively including a site map and a table of
4 contents according to the steps of:

5 organizing a site as a collection of topical content
6 areas, each said area containing a list of content
7 items that a user can link to for display using views;

END919990071US1

32

S/N 09/472,677

8 providing a site navigation view as an index on said
9 content database, said index being updated whenever
10 additions and deletions of area category or content
11 items are made to said content database;

12 providing a site view layout structure including an
13 HTML table structure and an HTML list structure for
14 populating fields respectively in said site map and
15 said table of contents;

16 providing a site view as a category oriented view;

17 providing an agent for:

18 responsive to said user request being for a site
19 map, setting up an initial table structure;

20 examining said site navigation view to identify
21 navigational content for said site sorted by
22 category;

23 processing each document in order of appearance in
24 said site navigation view and building an HTML
25 page containing bulleted lists of links separated

END919990071US1

33

S/N 09/472,677

26 by category names identified in said content by
27 reading a first document,
28 setting a first category name as that
29 category identified in said first
30 document,
31 for a user request for a site map,
32 initializing said table structure with
33 said first document, and
34 starting a bulleted list with an HTML
35 link created selectively pointing to
36 said first document or to another
37 location on said site if such other
38 location is defined by link information
39 in said first document;
40 checking a subcategory structure and,
41 for a user request for a site map,
42 starting a sub-bulleted list with an
43 HTML link to a subcategory page, and,
44 for a user request for a table of

END919990071US1

34

S/N 09/472,677

45 contents, a name of said subcategory:

46 reading a next document,

47 responsive to said next document having
48 a next category name different from
49 prior documents, closing said bulleted
50 list and adding said next category name
51 to said HTML page and starting a new
52 bulleted list;

53 responsive to said next category name
54 being within a prior category name,
55 checking said subcategory structure;

56 responsive to a subcategory name of
57 this next document being different
58 from a prior subcategory name of a
59 prior document, closing said sub-
60 bulleted list and starting a new
61 sub-bulleted list with an HTML link
62 to a subcategory page for a site
63 map or just a name of this
64 subcategory for a table of

END919990071US1

35

S/N 09/472,677

65 contents;

66 creating an HTML link selectively
67 pointing to said next document or to
68 another location on said site if such
69 other location is defined in said next
70 document, and

71 repeating said reading a next document step
72 for all documents in said view; and then

73 closing said bulleted list and saving said
74 HTML page for presentation to said user;

75 providing in a site map form a tabular layout structure
76 for said site map including a first title, header and
77 footer fields pulled in from said web site, a form type
78 identifier, and a first data field for receiving site
79 map data from said agent responsive to a user request;
80 [[and]]

81 providing in a table of contents form a column layout
82 structure for said table of contents including a second
83 title, header and footer fields pulled in from said web

END919990071US1

36

S/N 09/472,677

84 site, a form type identifier, and a second data field
85 for receiving table of contents data from said create
86 map agent responsive to a user request;

87 said site map form and said table of contents form
88 providing respective data fields for receiving data
89 from said agent dynamically responsive to a request
90 from a user for display of said site map or said table
91 of contents[[]]; and

92 responsive to a user request for display of said site
93 view, executing an agent to access said index of said
94 site navigation view to obtain and display to said user
95 most current area category and content items.

END919990071US1

37

S/N 09/472,677